

Abstract

In a rolling bearing for a supercharger in which grease is enclosed in an annular space, and a non-contact sealing member for forming a gap with an inner ring is disposed in a locking groove disposed in an axial end portion of an outer ring, a locking portion of the sealing member on the side of the outer ring is covered with rubber, and the length of an opposed face of an inner-ring side end portion which is opposed to the inner ring across the gap is 0.8 mm or more in a section view which is in parallel to the axis. Alternatively, an area of the inner ring on an outer circumferential face which is opposed to an inner-ring side end face of the sealing member is formed to have a tapered shape in which the diameter is more increased as advancing from an axial end portion side to a middle side. According to these configurations, leakage of grease in the use under high-speed rotation can be prevented from occurring, and the life period of the rolling bearing is improved.